

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-14. (Cancelled)

15. (Currently Amended) A method for tightening skin, comprising:

~~providing generating a broadband spectrum of near infrared radiation with a filament light source for delivering light energy to an area of skin the light source comprising a halogen lamp including a filament positioned within a tube having a tube diameter, at least a portion of the filament formed into a coil having a coil diameter, the ratio of the tube diameter to the coil diameter being less than about 10:1;~~

placing a transmissive material in contact with an upper surface of the skin to be treated;

transmitting ~~light energy from~~ the radiation generated by the light source through the transmissive material to the skin;

cooling the transmissive material; and

wherein the ~~light energy~~ radiation transmitted to the skin and the cooling of the transmissive material create an inverted temperature profile in the skin, such that the upper surface of the skin is cooler than an area of skin below the upper surface, and wherein the ~~light energy~~ radiation is transmitted to the skin for a continuous period of time of between approximately 1.2 (one and two-tenths) seconds and 5 (five) seconds and provides for heating a volume of dermis in the skin, which is at a depth of between 1 mm to 5 mm below the upper surface of the skin, to a treatment temperature which is at least 50°C while maintaining the regions of the dermis at depths shallower than 1 mm at temperatures below the treatment temperature, wherein the skin is tightened as a result of heating the volume of dermis.

16. (Currently Amended) The method of claim 15 further comprising, starting the cooling of the transmissive material prior to transmitting ~~light energy~~ radiation to the skin.

17. (Currently Amended) The method of claim 16 further comprising, continuing the cooling of the transmissive material during the transmission of ~~light~~ radiation to the skin.

Claims 18-21. (Canceled).

22. (Currently Amended) The method of ~~claim 21~~ claim 15, further comprising,
continuing the cooling of the transmissive material for a predetermined time period
after the termination of the transmission of ~~light~~ radiation to the skin;
providing a notification signal to the user signaling the end of the predetermined time
period; and
maintaining contact between the transmissive material and the skin until after the
notification signal is provided.

Claims 23-32. (Canceled)

33. (Previously Presented) The method of claim 15, wherein the treatment
temperature is at least 60°C.

Claim 34-39. (Canceled)

40. (Previously Presented) The method of claim 15, wherein transmitting light energy
from the light source includes applying a plurality of electrical current pulses to the filament of the
filament light source, wherein a first pulse of the plurality of the electrical current pulses is the
longest pulse of the plurality of pulses and operates to bring the filament to a temperature which
results in the filament light source emitting light.

41. (Previously Presented) The method of claim 15, wherein transmitting light energy
from the light source the transmitting step includes:
applying a plurality of electrical pulses to the filament of the filament light source;
sensing light produced by the filament; and
when a power of the light produced by the filament drops below a first power level,
applying a pulse of electrical current to the filament.

42. (Previously Presented) The method of claim 22, wherein the filament light source is provided on a handpiece, wherein the method includes providing a visual indication on the handpiece, wherein providing the notification signal includes discontinuing the visual indication after the end of the predetermined time period.

43. (Previously Presented) The method of claim 22 wherein providing the notification signal includes sounding an auditory signal after the end of the predetermined time period.

Claims 44-48. (Cancelled)

49. (New) A method as recited in claim 15, further including the step of filtering the infrared radiation prior to reaching the skin tissue in order to minimize the transmission of wavelengths less than 1050nm.